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To : File Project #2054 (Cargo chute locator) RS-8

From : [REDACTED]

Subject: Progress conference; on Cargo Chute Locator

DOCUMENT NO. 27
 NO CHANGE IN CLASS. ☐ 25X1
☐ DECLASSIFIED
 CLASS. CHANGED TO: TS ☒ 2010
 NEXT REVIEW DATE: _____
 AUTH: HR 70-2
 DATE: 4/12/80 REVIEWER: 037169

1. On 4 Aug. 1952, [REDACTED] visited the offices of the [REDACTED]

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2. The project is in its first phase which is the design feasibility and study phase. To date, four weeks have been devoted primarily to study and research.

The following are the major items discussed.

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- a. [REDACTED] showed a relief map of the area available to [REDACTED] for use in testing and investigating the various models and for conducting experiments to determine the best frequency, antenna design etc. The area included a pond, a very steep hill and a general variation in terrain which appeared to be representative of conditions which might actually be encountered in drop operations.

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- b. [REDACTED] the chief engineer for [REDACTED] discussed the possibility of using high pulsed power for the transmitter unit (component A). He also mentioned a pencil tube which was capable of a peak pulse power as high as five kw's.

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- c. The matter of monthly progress reports was discussed. It was decided that four copies would be sent to the agency, and that all pertinent aspects of the work would be covered. This would include information

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gained as to circuits tried and reasons for rejection if rejected etc.

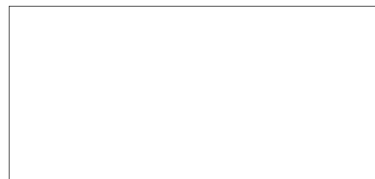
d. Two questions were brought up by The questions and answers follow: 25X1

Q. Should the transmitter unit operate on impact when it hits the ground or should it be turned on in the plane just prior to dropping?

A. After consideration of the problems involved it was decided that the unit be turned on in the aircraft just prior to the drop.

Q. What type of equipment will be carried by the chutist? How much room will he have and where will it be? Will his equipment contain many metallic objects and if so what would be their location?

A. In general it is believed that the front torso of the chutist will be free for carrying the receiver unit. It is also believed that he will be carrying metallic objects such as armament, survival equipment etc.



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